

Test Plan for Food Ordering App

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1. Test Plan Identifier

- Test Plan ID: T12RFOP
- App Version: 0.0.1
- App Version: 0.0.3

2. Introduction

Objective

The objective of this test plan is to outline the testing approach for the Restaurant Food Ordering App. The testing will ensure that the system meets functional, performance, and usability requirements before deployment.

Scope

Testing will cover the following use cases:

- UC1. Menu browsing with search
- UC2. Previewing products
- UC3. Ordering products
- UC4. Login to the administration panel
- UC5. Viewing and managing orders
- UC6. Product management

Out of Scope

- "About this app" popup modal
- Load testing
- Access by scanning a QR code

3. Features to Be Tested

- Product catalog(Search, Filter, View)
- Product preview functionality(View, Add to cart)
- Shopping cart: Adding and removing items(max/min limit validation)
- Checkout functionality(requirements validation, invalid inputs)
- Admin Login/Logout functionality(email validation, password strength)
- Admin Product management: Adding, Editing and Deleting products
- Admin Order management: View, Complete, Decline, Search, Filter
- App responsiveness across desktop and mobile devices

4. Test Approach

Testing Types

- **Functional Testing(Use Case Testing):** To validate all features work as per requirements.
- **Regression Testing:** To ensure that updates do not break existing functionalities.
- **Usability Testing:** To evaluate user experience and app responsiveness across different devices.

Tools

- **Project Management:** Confluence
- **Bug Tracking:** Jira
- **Team Interaction:** Google Meet

5. Test Environment

Hardware

Desktop: Windows 11 Home 23H2, Windows 10 Pro

Mobile: iPhone 14(iOS 17), Samsung Galaxy S23(Android 14)

Software

Browsers: Chrome, Firefox, Safari, Samsung Internet

Food Ordering App

App Version: 0.0.1

App Version: 0.0.3

6. Entry and Exit Criteria

Entry Criteria

1. Development of features is complete.
2. Test data is prepared.
3. Testing checklists are reviewed and approved.

Exit Criteria

1. All critical and high-priority defects are resolved.
2. Regression tests have been executed successfully.
3. Final Testing Report has been reviewed and signed off.

7. Test Deliverables

- Test Plan Document
- Testing Checklist
- Test Data (admin login credentials)
- Bug Report
- Final Testing Report

8. Roles and Responsibilities

| Member | Role | Responsibilities |
|---------------|---------------------------------|---|
| Birgit Tikk | QA Engineer | Writing and executing checklists, reporting bugs, testing with Chrome on Windows, updating meetings plan |
| Team Member 2 | QA Engineer, Sprint Coordinator | Writing and executing checklists, reporting bugs, testing with Safari on iPhone, managing teamwork and meetings |
| Team Member 3 | QA Engineer | Writing and executing checklists, reporting bugs, testing with Firefox on Windows |
| Team Member 4 | QA Engineer | Writing and executing checklists, reporting bugs, testing with Samsung Internet on Android |

| | | |
|---------|---------|---|
| QA Lead | QA Lead | Defining scope, mentoring, managing project and reviewing results |
|---------|---------|---|

9. Testing Schedule

| Phase | Start Date | End Date |
|-----------------------------|--------------|--------------|
| Test Plan Preparation | Jun 10, 2024 | Jun 12, 2024 |
| Testing Checklist Design #1 | Jun 12, 2024 | Jun 17, 2024 |
| Test Execution #1 | Jun 17, 2024 | Jun 21, 2024 |
| Testing Checklist Design #2 | Jul 1, 2024 | Jul 4, 2024 |
| Test Execution #2 | Jul 5, 2024 | Jul 7, 2024 |
| Regression Testing | Jul 8, 2024 | Jul 10, 2024 |
| Final Report Preparation | Jul 10, 2024 | Jul 14, 2024 |

10. Meeting Schedule

Sprint 1

| Meeting name | Date and time | Status |
|-------------------------------|--------------------|----------------------|
| Week 1. Sprint planning | Jun 10, 2024 19:00 | All members attended |
| Week 1. Standup meeting #1 | Jun 12, 2024 19:00 | All members attended |
| Week 1. Standup meeting #2 | Jun 15, 2024 10:00 | 3/4 members attended |
| Week 2. Standup meeting #3 | Jun 17, 2024 19:00 | All members attended |
| Week 2. Standup meeting #4 | Jun 20, 2024 19:00 | All members attended |
| Week 2. Sprint review meeting | Jun 21, 2024 20:00 | All members attended |
| Week 2. Retrospective meeting | Jun 22, 2024 10:00 | All members attended |

Sprint 2

| Meeting name | Date and time | Status |
|-------------------------------|--------------------|----------------------|
| Week 1. Sprint planning | Jul 1, 2024 19:00 | All members attended |
| Week 1. Standup meeting #1 | Jul 2, 2024 19:00 | All members attended |
| Week 1. Standup meeting #2 | Jul 6, 2024 10:00 | All members attended |
| Week 2. Standup meeting #3 | Jul 9, 2024 19:00 | All members attended |
| Week 2. Standup meeting #4 | Jul 11, 2024 19:00 | All members attended |
| Week 2. Sprint review meeting | Jul 12, 2024 19:00 | All members attended |
| Week 2. Retrospective meeting | Jul 13, 2024 10:00 | All members attended |

11. Bug Management

Bug Tracking Tool: Jira

Bug Lifecycle: To Do → In Testing → Fixed → Retested → Done

Severity Levels:

- **Critical:** Login/Logout not working.
- **High:** Shopping cart not updating.
- **Medium:** Minor UI misalignment.
- **Low:** Typographical errors.

12. References

- Functional Requirement Specification (Use Cases) Document
- Project Overview Document